Environmental Stewardship in Maryland

What is environmental stewardship?
To be an environmental steward, residents of the Chesapeake Bay watershed can install rain gardens and rain barrels on their properties, avoid using fertilizers and pesticides, and take other actions to protect clean water and environmental health. Residents can also volunteer in their communities and engage in civic activities on behalf of the environment.

What is the Citizen Stewardship Index?
To better understand what people who live in the Chesapeake Bay portions of Delaware, Maryland, New York, Pennsylvania, Virginia, West Virginia and the District of Columbia are doing to protect the environment, the Chesapeake Bay Program surveyed 5,200 randomly selected residents about their stewardship actions and attitudes. Their answers were scored on the first-ever Citizen Stewardship Index.

While a perfect Citizen Stewardship score would be possible if everyone in the region were to do everything in their daily lives to better the environment—including personal actions, volunteering and engaging in civic activities for the environment—the residents of the Chesapeake Bay watershed scored a 24 out of 100. Residents of Maryland also scored a 24.

This number is based on the adoption rate of 19 actions that individuals can take to improve water quality and environmental health, as well as the portion of the public that is volunteering in community efforts to improve the environment and engaging in civic activities on behalf of the environment.

How does Maryland measure up against the Chesapeake Bay watershed?

- Residents reported tossing litter on the ground when not near a trash can.
  - Maryland: 5.1%
  - Chesapeake Bay Watershed: 5.7%

- Residents reported flushing medicines down the drain or toilet.
  - Maryland: 7.8%
  - Chesapeake Bay Watershed: 7.8%

- Residents reported using pesticides in or around their homes.
  - Maryland: 28.6%
  - Chesapeake Bay Watershed: 30.2%

- Residents reported putting fertilizers on their grass lawns.
  - Maryland: 34.2%
  - Chesapeake Bay Watershed: 35.6%

- Dog-owners reported seldom or never picking up their pet’s waste.
  - Maryland: 32.6%
  - Chesapeake Bay Watershed: 36.1%

- Residents believe their actions contribute to local water pollution.
  - Maryland: 37.2%
  - Chesapeake Bay Watershed: 35.3%

- Residents want to do more to help make local creeks, rivers and lakes healthier.
  - Maryland: 73.1%
  - Chesapeake Bay Watershed: 71.2%

- Residents can think of at least one local group working to clean up and protect local waters.
  - Maryland: 31.9%
  - Chesapeake Bay Watershed: 31.5%
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**Take action**
- Carry a garbage bag in your vehicle to hold onto trash until you can properly dispose of it.
- Take multiple waste disposal bags with you when walking your dog.
- Instead of using chemical weed killers, try dousing weeds with boiling water, table salt or vinegar, or pulling them out by hand and digging up the roots.
- Instead of putting chemical pesticides on your sidewalk or garden, use boiling water to kill weeds, ant colonies and other pests.
- To keep medicine out of our waterways, return them unused to a consumer drug return location or foul your medication with coffee grounds or cat litter and put it in the trash.
- To find local watershed organizations in your area, please visit the Chesapeake Bay Program’s Find a Group website at https://www.chesapeakebay.net/action/join.

**Links and more information**
- For more helpful tips, please visit How-To’s and Tips at https://www.chesapeakebay.net/action/howtotips
- For more information on the Stewardship Index, please visit http://www.chesapeakeprogress.com/engaged-communities/citizen-stewardship